

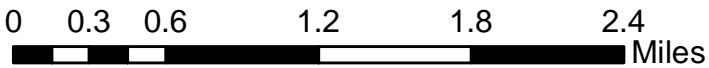
Shoreline Designations

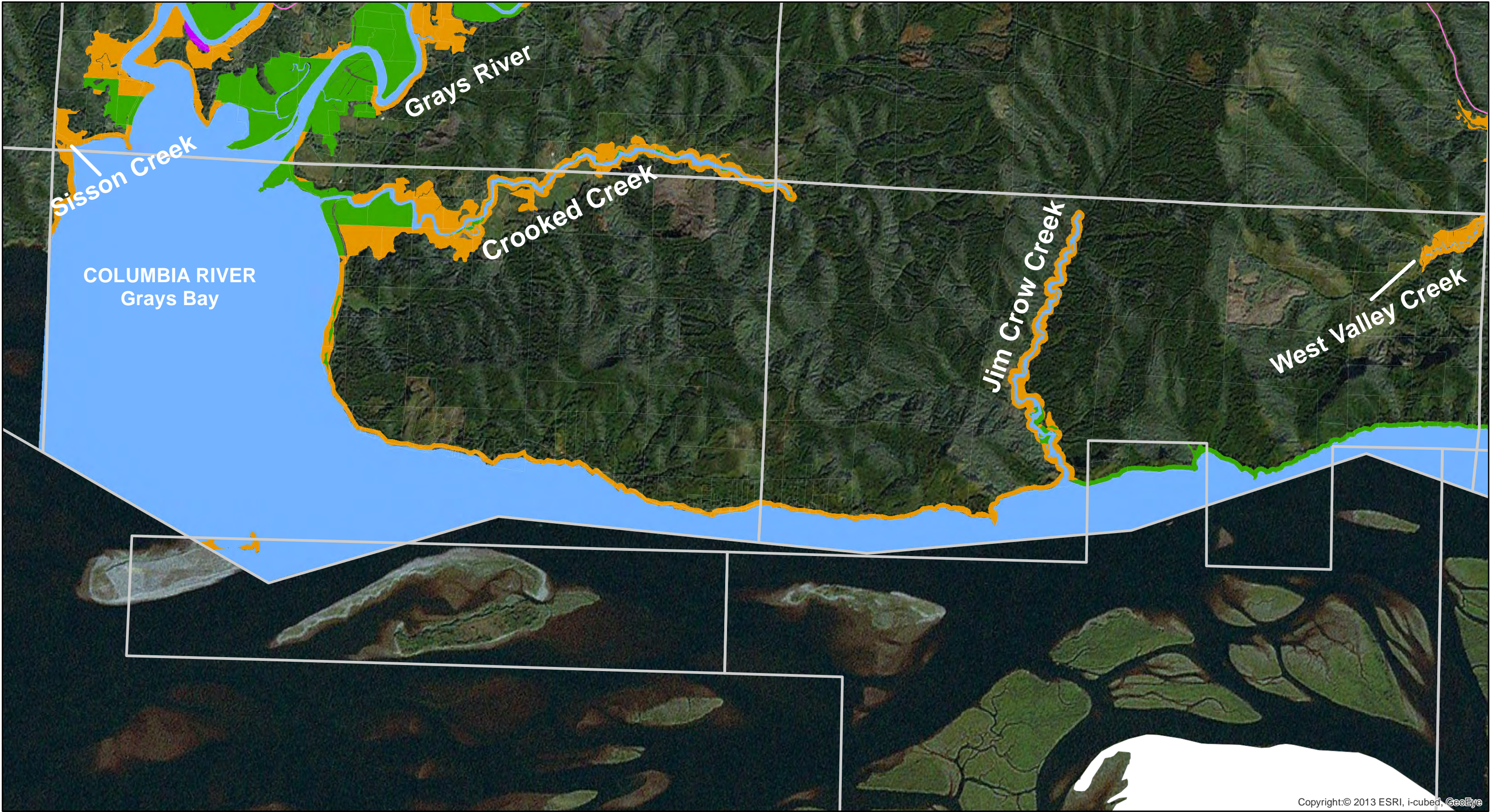
Aquatic	Rural Conservancy
Mixed Waterfront	Town Conservancy
Natural	Town Residential

Wahkiakum-Cathlamet SMP Update: Shoreline Designations (Map 61) Proposed Environmental Designations Map Including Associated Wetlands

Shoreline Designation boundaries represented in this map are approximate. Project specific site determinations may be necessary.







March 2017





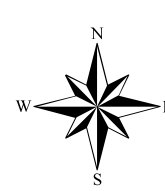
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Shoreline Designations			
	Aquatic		Rural Conservancy
	Mixed Waterfront		Town Conservancy
	Natural		Town Residential

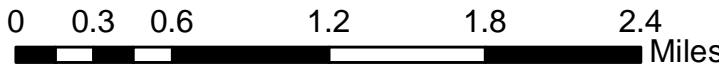
Wahkiakum-Cathlamet SMP Update: Shoreline Designations (Map 62)

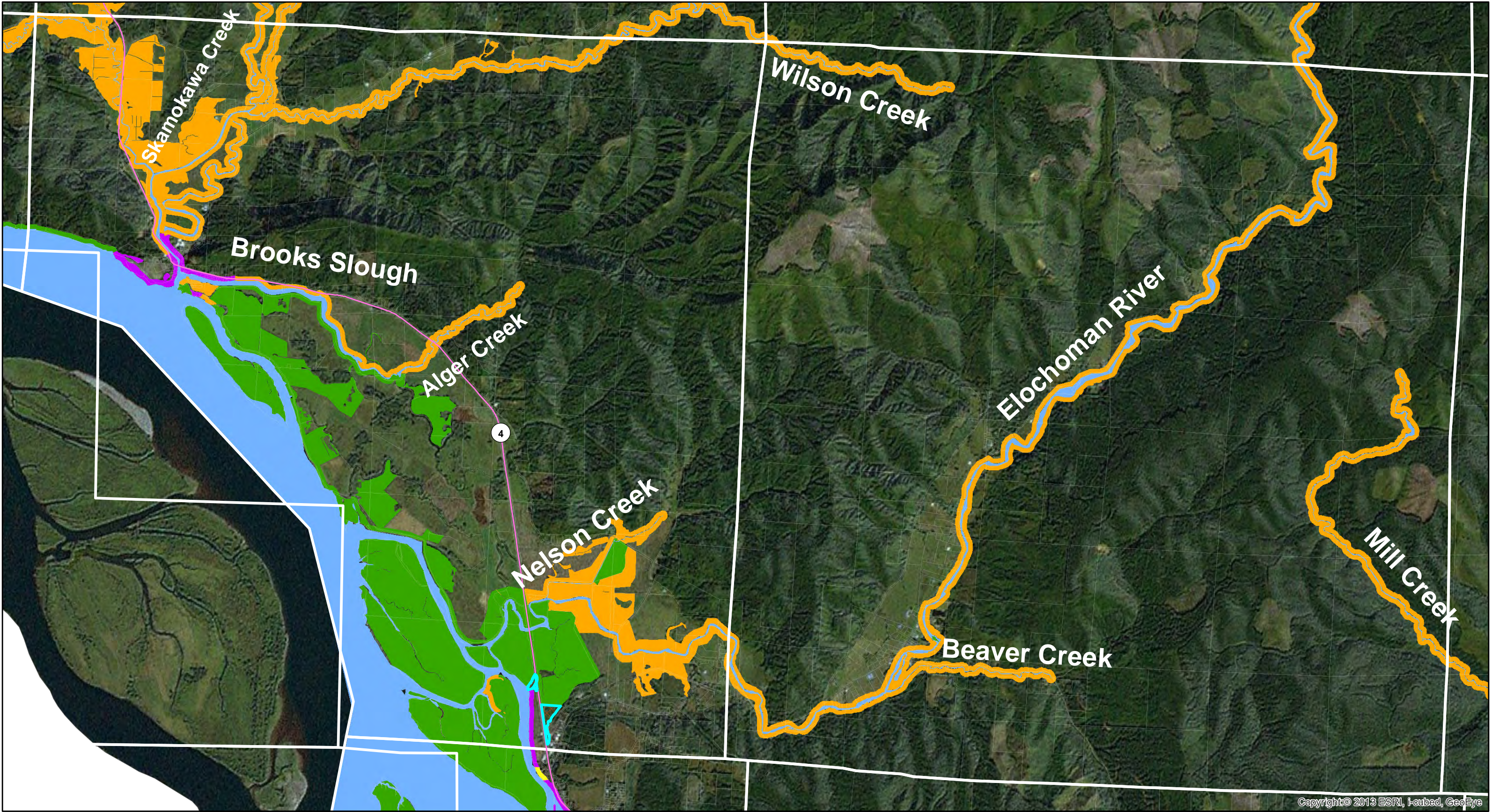
Proposed Environmental Designations Map
Including Associated Wetlands



Shoreline Designation boundaries represented in this map are approximate. Project specific site determinations may be necessary.

March 2017





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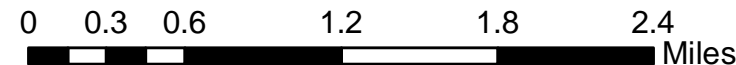


Shoreline Designations

Aquatic	Rural Conservancy
Mixed Waterfront	Town Conservancy
Natural	Town Residential

Wahkiakum-Cathlamet SMP Update: Shoreline Designations (Map 63)

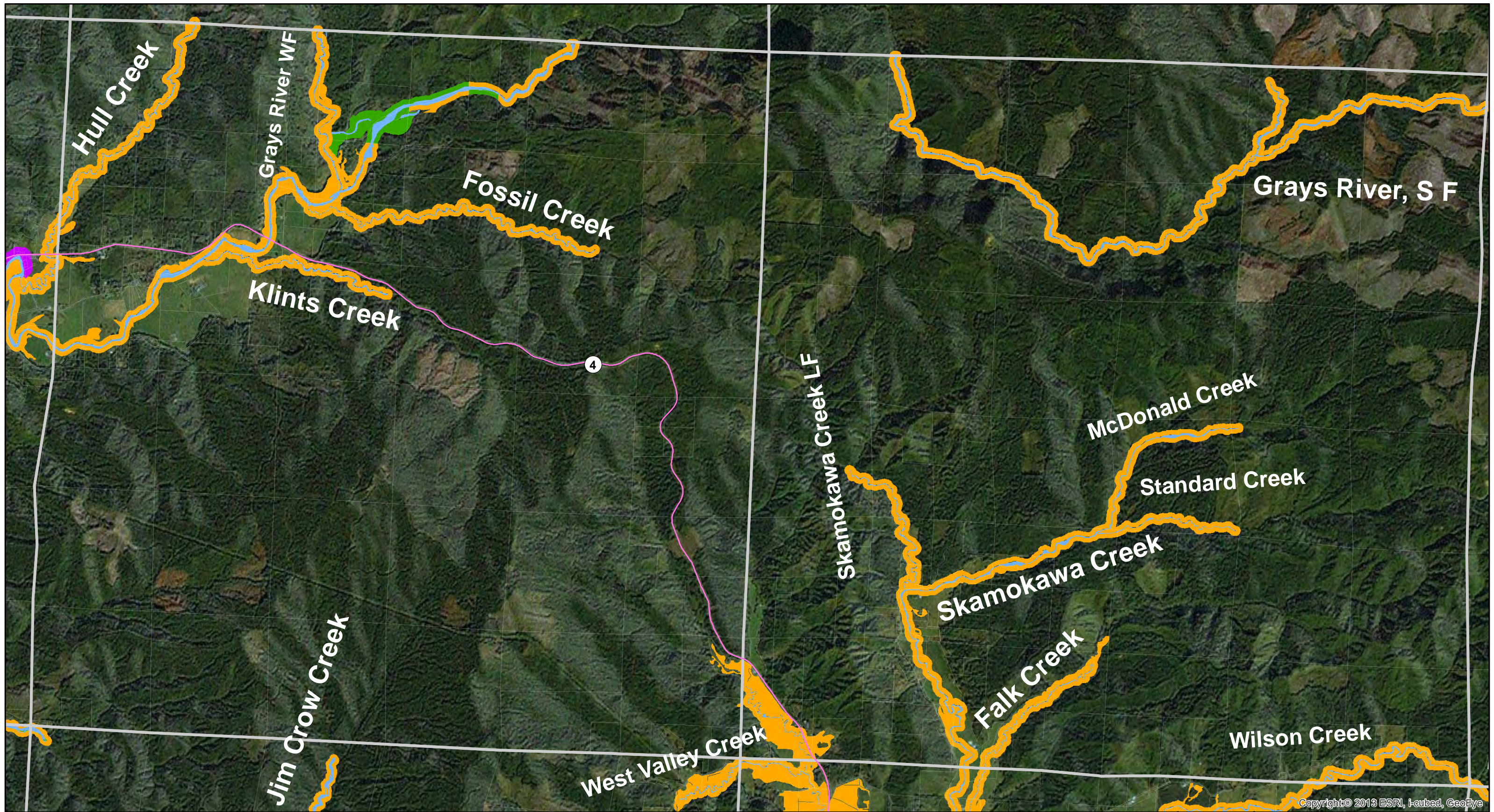
Proposed Environmental Designations
Including Associated Wetlands



Shoreline Designation boundaries represented in this map are approximate. Project specific site determinations may be necessary.

March 2017

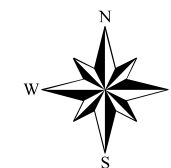




Shoreline Designations			
■ Aquatic	■ Rural Conservancy	■ Town Conservancy	
■ Mixed Waterfront	■ Town Residential		
■ Natural			

Wahkiakum-Cathlamet SMP Update: Shoreline Designations Map 64

Proposed Environmental Designations
Including Associated Wetlands

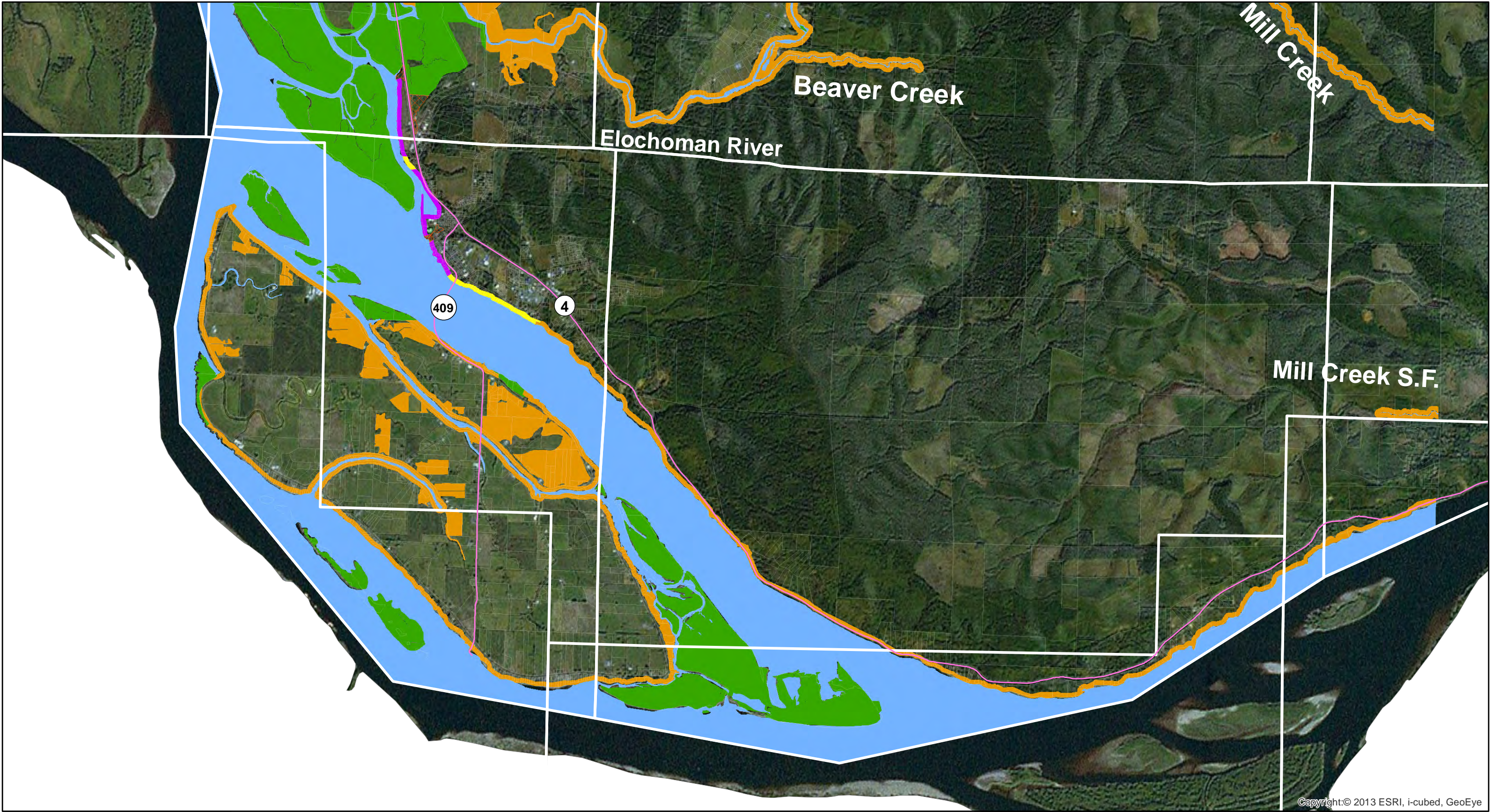


0 0.3 0.6 1.2 1.8 2.4 Miles

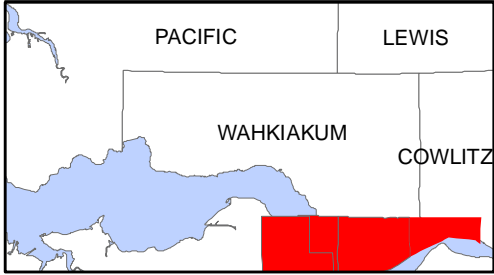
Shoreline boundaries represented in this map
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/determinations may be necessary.

March 2017





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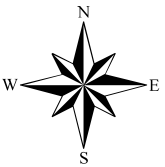


Shoreline Designations

Aquatic	Rural Conservancy
Mixed Waterfront	Town Conservancy
Natural	Town Residential

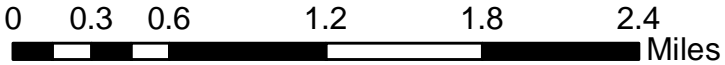
Wahkiakum-Cathlamet SMP Update: Shoreline Designations (Map 65)

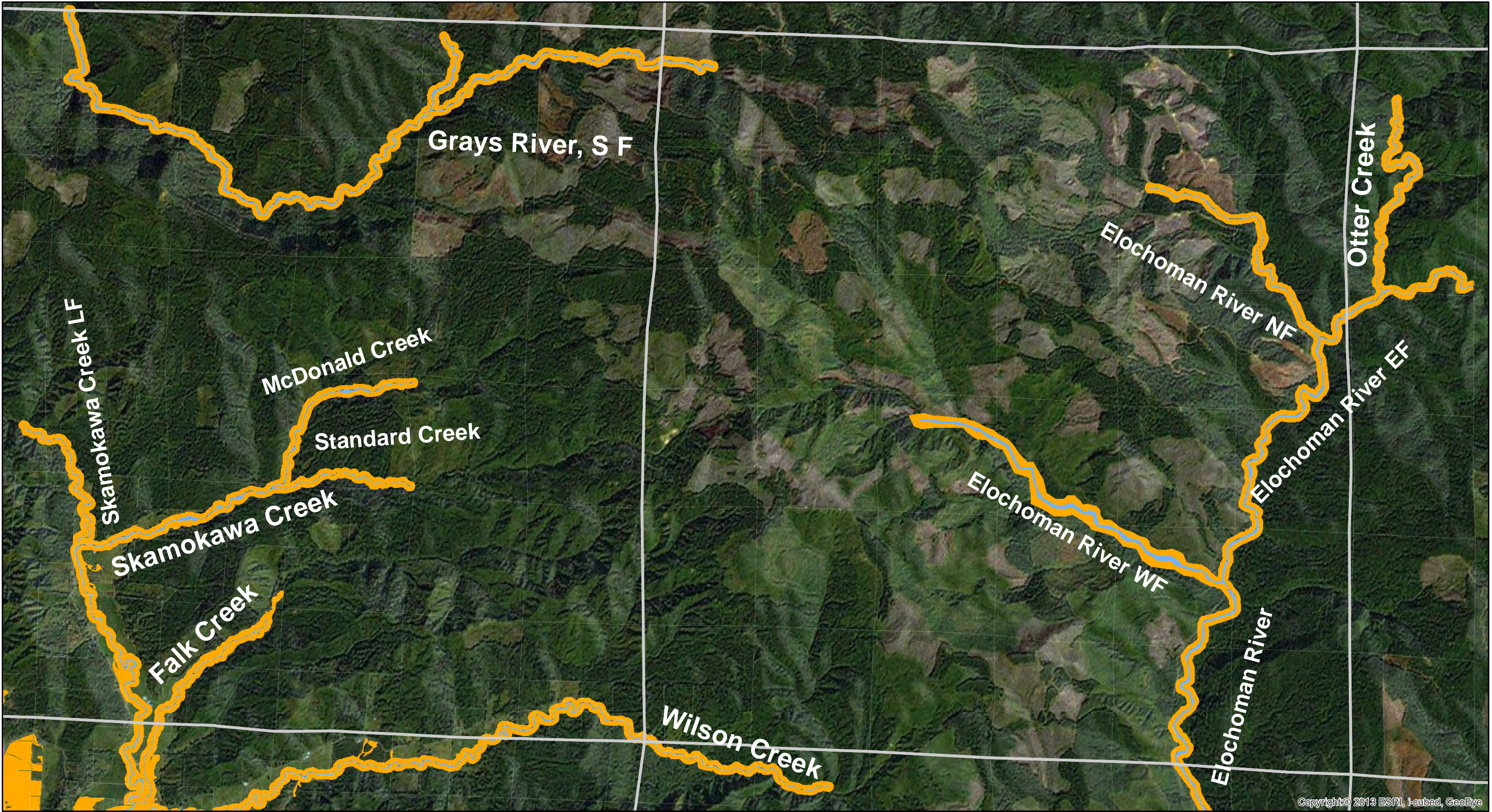
Proposed Environmental Designations
Including Associated Wetlands




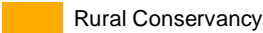

Shoreline Designation boundaries represented in this map are approximate. Project specific site determinations may be necessary.

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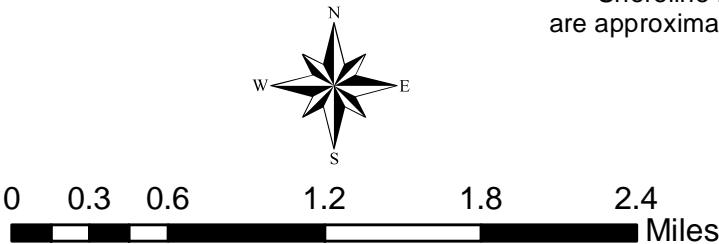


Shoreline Designations

 Aquatic	 Rural Conservancy
 Natural	

Wahkiakum-Cathlamet SMP Update: Shoreline Designations (Map 66)

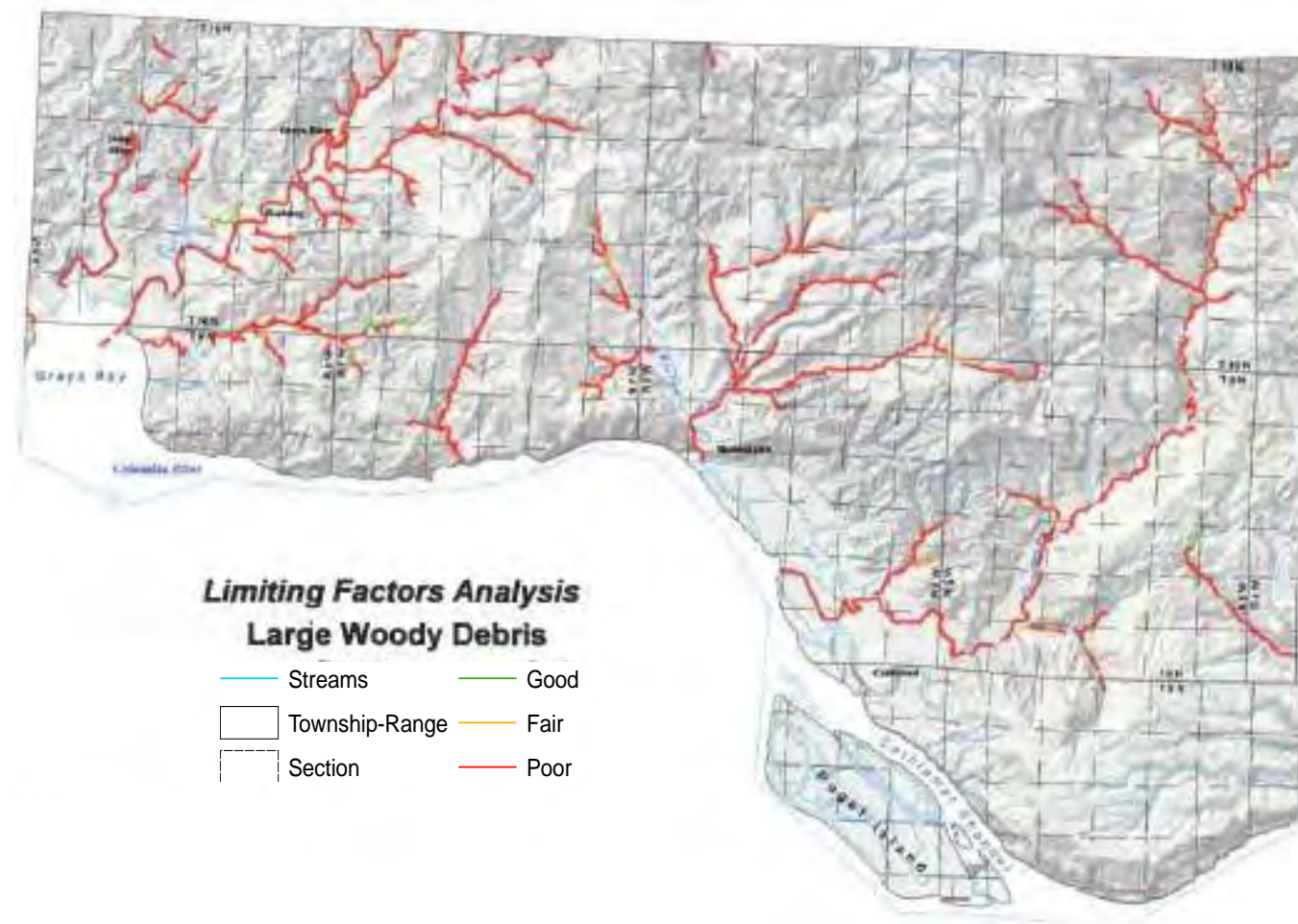
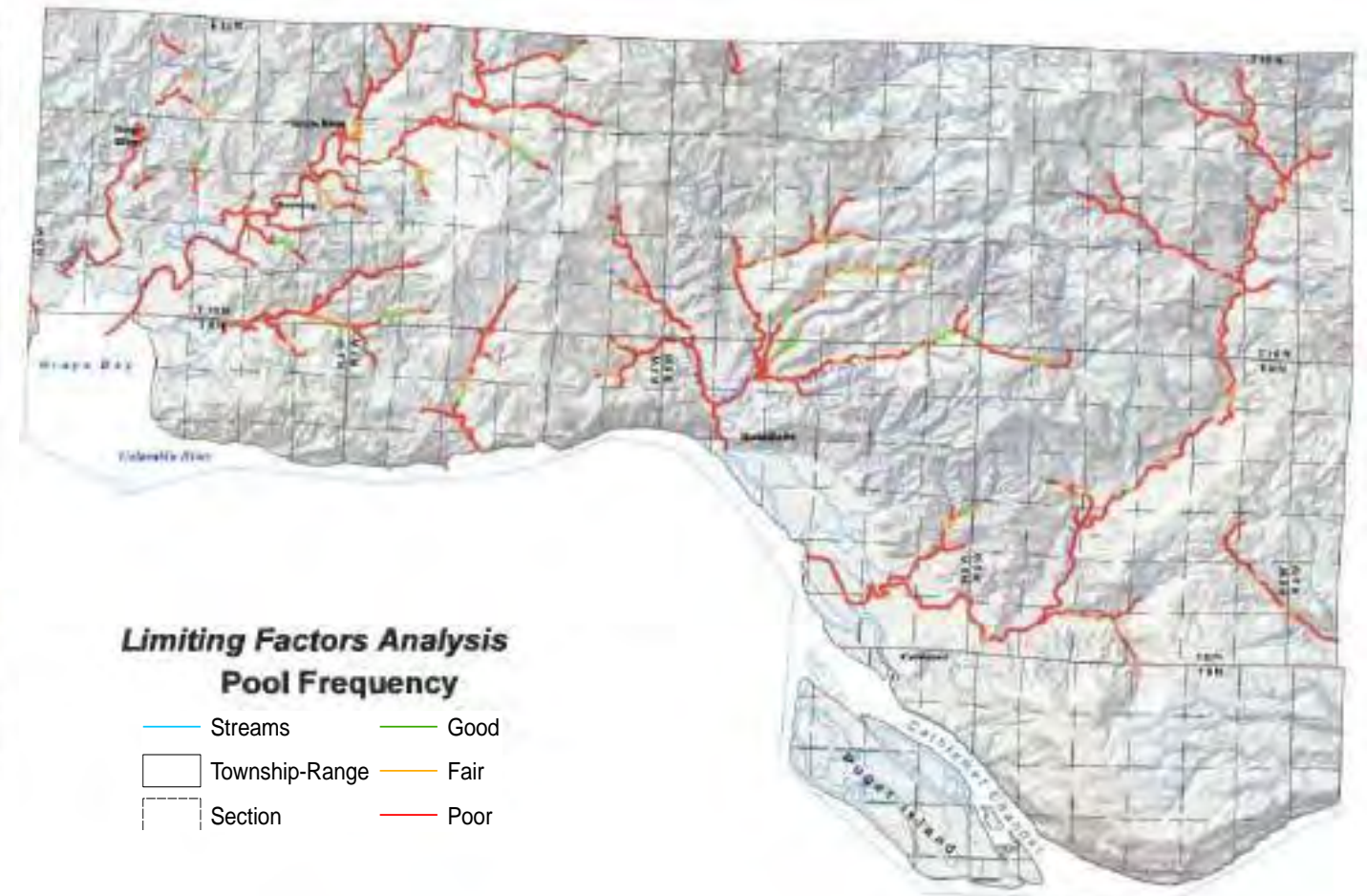
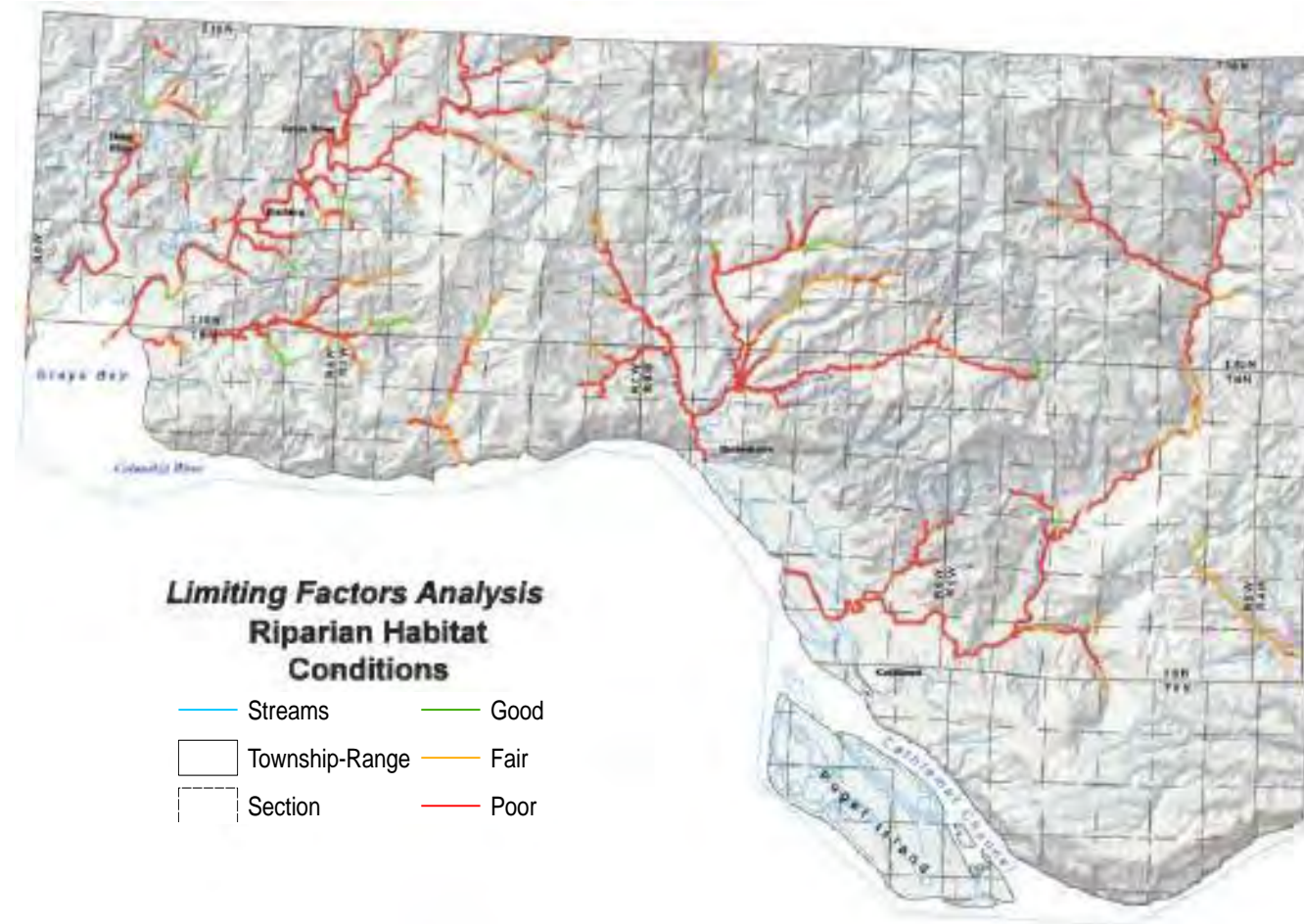
Proposed Shoreline Designations
Including Associated Wetlands



Shoreline boundaries represented in this map
are approximate. Project specific site evaluations
/determinations may be necessary.

March 2017





Riparian Habitat Conditions – Condition for different DNR Stream Types

1. Type 1-3 and untyped salmonid streams >5' wide: Good = >150' mature forest dominant ($\geq 70\%$); Fair = 75' to 150' dominated by conifers and mixed hardwoods; Poor = <75' or dominated by hardwoods, shrubs, or non-native
2. Type 4 and untyped perennial streams < 5' wide: Good = >100' & dominated by mature conifers; Fair = 50' to 100' & dominated by conifers and hardwoods; Poor = <50' or dominated by hardwoods, shrubs, or non-natives
3. Type 5 and all other untyped streams: Good = >50' and dominated by mature conifers; Fair = 25' to 50' & dominated by conifers and hardwoods; Poor = <25' or dominated by hardwoods, shrubs, non-natives.

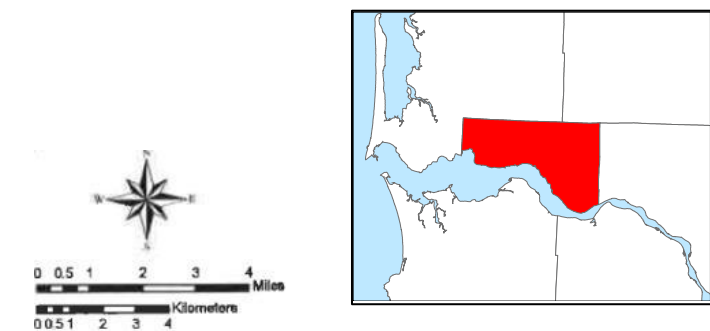
LWD – measures pieces of large woody debris/channel width for three different channel types

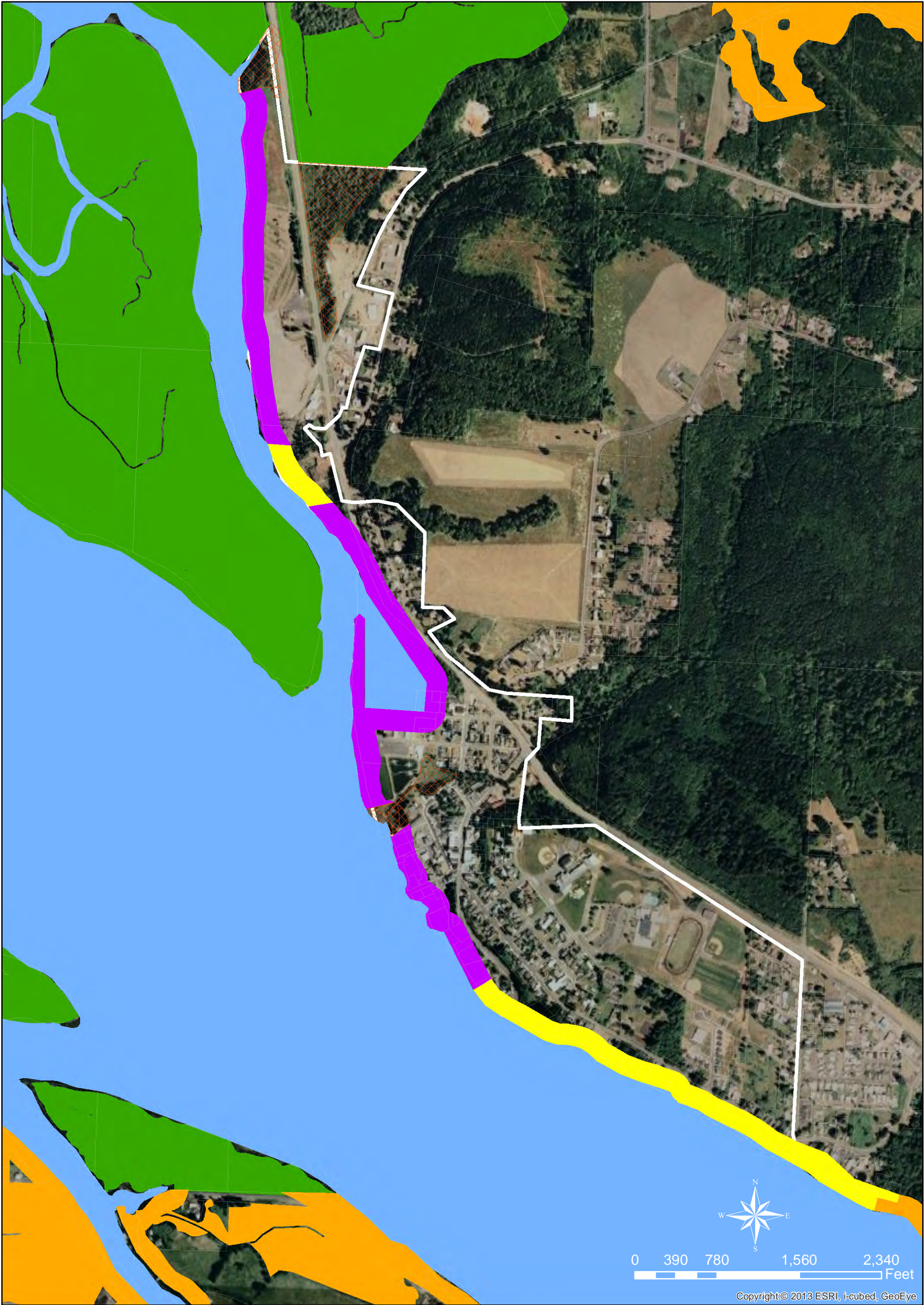
1. <20m: Good 2-4; Fair 1-2
2. <10m: Good >0.30; Fair 0.15-0.50; Poor <0.15
3. 10-30m; Good >0.50; Fair .20-.50; Poor <0.20

Pool Frequency – Percent pool by surface area for two channel types

1. <2% gradient, <15m wide: Good >55%, Fair 40%-55%, Poor <40%
2. 2-5% gradient, <15m wide: Good >40%, Fair 30%-40%, Poor <30%

**Limiting Factors Analysis:
Riparian Habitat Conditions,
Pool Frequency and LWD**





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Shoreline Designations			
Aquatic	Rural Conservancy	Town Conservancy	
Mixed Waterfront	Town Residential		
Natural			Town of Cathlamet

Wahkiakum-Cathlamet SMP Update: Shoreline Designations (Map 67)

Proposed Environmental Designations
Including Associated Wetlands

All Shoreline Environmental Designations depicted in this map are approximate. Site specific evaluation and discretionary judgement is left to the personnel providing planning services for the Town of Cathlamet.

March 2017

